

PRESSURE ACCUMULATOR, ESPECIALLY PULSATION DAMPER

ABSTRACT OF THE DISCLOSURE

A pressure accumulator, especially a pulsation damper, includes an accumulator housing (10) and a piston element (28) disposed in it. A bellows-type separative element (30) is supported on the piston part (28) with its one end (32) and with its other end (34) on the accumulator housing (10). The separative element (30) separates two working chambers (26, 40) within the accumulator housing (10) from each other, especially a gas chamber (26) from a fluid chamber (40), in a fluid-tight, especially gas-tight manner. To one working chamber (26), in addition to a defined volumetric proportion of a working gas, is filled with a fluid. In this manner, the working gas allows for a compression to a certain degree and for a dampening and smoothening of the pulsations of the fluid medium migrating to and occurring on the fluid side of the accumulator.